Special Issue

Natural Zeolites

Message from the Guest Editors

The research on the minerals of zeolite group is continuously growing and new aspects concerning the structural and chemical features in wide range of conditions and also the novel approaches towards use oriented change of their structural properties and catalytic capacity are of particular relevance. The aim of this Special Issue is to bring together state-of-the-art research papers and reviews covering different aspects of the zeolite's crystal structure and chemistry, their thermal behaviour, as well as surface properties. This Special Issue welcomes papers reporting innovative approaches for the characterization of zeolite structure and their properties as well as studies dealing with industrial and medical applications of zeolites using both experimental and theoretical modelling methods. Special emphasis will be given to the research on environmental related-studies. Studies on both natural and synthetic systems will be considered.

Guest Editors

Prof. Dr. Sergey Churakov

1. Institute of Geological Sciences, University of Bern, Baltzerstrasse 1+3, CH-3012 Bern, Switzerland
2. Paul Scherrer Institut, Head of Laboratory for Waste Management, OFLA/203a, CH-5232 Villigen PSI, Switzerland

Dr. Georgia Cametti

Institute of Geological Sciences, University of Bern, Baltzerstrasse 1+3, CH-3012 Bern, Switzerland

Deadline for manuscript submissions

closed (31 December 2018)

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/11113

Minerals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
minerals@mdpi.com

mdpi.com/journal/minerals

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/journal/minerals

About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky
Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

MDPI